

CLAIMS

1. The combination comprising :
- a structure;
- a mass with predetermined inertia properties;
- 5 isolators connecting the structure and the mass in a hexapod configuration;
- the mass and isolators being selected to provide tuned mass damping in all six degrees of freedom for the structure.
- 10 2. The combination described in claim 1, wherein:
- the isolators comprise tubular damping struts with first and second spherical pivots at opposite ends of the tubular damping strut.
3. The combination comprising:
- 15 a structure;
- a mass;
- means for connecting the structure and the mass in a configuration that permits the mass and isolators to be deterministically selected to provide tuned mass damping in all six degrees of freedom for the
- 20 structure.

4. The combination described in claim 3, wherein the means
compromises ~~isolators~~ arranged in a hexapod.

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